

What is claimed is:

1 1. A waste receptacle comprising:

2 an exterior wall separating an interior and an exterior;

3 an interior receptacle for receiving a bag therein; and

4 an interior bag closure mechanism that is operable from said exterior.

1 2. The waste receptacle as in claim 1, wherein said interior bag closure
2 mechanism closes a bag disposed in said interior receptacle.

1 3. The waste receptacle as in claim 2 wherein said interior receptacle
2 includes an interior wall that internally confronts said exterior wall and is separated from
3 said interior wall by a gap.

1 4. The waste receptacle as in claim 1, wherein said interior bag closure
2 mechanism comprises a rotator assembly that grasps an upper open section of a
3 flexible bag disposed in said interior receptacle and rotates said upper open section
4 relative to a bottom closed end of said flexible bag, to close said flexible bag.

1 5. The waste receptacle as in claim 4, wherein said interior bag closure
2 mechanism includes a clamp that releasably secures said bottom closed end of said
3 flexible bag to said interior receptacle such that said bottom closed end does not rotate
4 along with said upper open section of said flexible bag.

1 6. The waste receptacle as in claim 4, further comprising a handle that
2 causes a rotating member of said rotator assembly to rotate, said handle disposed
3 outside of said exterior wall.

1 7. The waste receptacle as in claim 4, wherein said rotator assembly
2 includes a clamp that clamps an upper edge of said flexible bag to a rotating member
3 that rotates relative to said interior receptacle.

1 8. The waste receptacle as in claim 7, wherein a portion of said rotating
2 member is received in a cavity of said exterior wall and further comprising ball bearings
3 that enable said portion of said rotating member to rotate freely within said cavity.

1 9. The waste receptacle as in claim 1, further comprising
2 a cover that sealably engages an upper rim of said exterior wall,
3 an exhaust hood including an exhaust port, and

an exhaust system that exhausts said waste receptacle through said exhaust port.

10. The waste receptacle as in claim 9, wherein said exhaust system includes at least one of a pump and a bellows.

11. The waste receptacle as in claim 9, wherein said cover includes a sealing portion formed of rubber, said sealing portion sealably engaging said upper rim.

12. The waste receptacle as in claim 9, wherein said exhaust system includes a shutoff valve.

13. The waste receptacle as in claim 9, further comprising a foot pedal that opens said cover.

14. The waste receptacle as in claim 1, wherein said exhaust hood is disposed above said interior receptacle and includes a double-walled perimeter including an outer wall that forms part of said exterior wall, and a gas permeable interior wall, said outer wall including said exhaust port extending therethrough.

15. The waste receptacle as in claim 14, wherein said gas permeable interior wall includes perforations therethrough.

16. A waste receptacle comprising:
an exterior wall;
an interior receptacle for receiving a bag therein, said interior receptacle spaced from said exterior wall;
a cover that sealably engages an upper rim of said exterior wall;
an exhaust hood disposed over said interior receptacle and including an exhaust port;
an exhaust system that exhausts said waste receptacle through said exhaust port; and
an interior bag closure mechanism that is operable from an exterior of said waste receptacle.

17. A waste receptacle having an interior and comprising an exterior wall, an interior receptacle for receiving a flexible bag therein, and a rotator assembly that grasps an upper open end of said flexible bag disposed within said interior receptacle

4 and rotates said upper open section relative to a bottom closed end of said flexible bag,
5 to close said flexible bag.

1 18. The waste receptacle as in claim 17, wherein said rotator assembly is
2 operable externally.

1 19. The waste receptacle as in claim 17, further comprising a handle that
2 causes said rotator assembly to rotate, said handle disposed on said exterior wall.

1 20. The waste receptacle as in claim 17, wherein said waste receptacle is a
2 closed waste receptacle having a cover and further comprising an exhaust hood
3 disposed superjacent said interior receptacle and beneath said cover.

1 21. The waste receptacle as in claim 17, wherein a portion of said rotating
2 member is received in a cavity of said exterior wall and further comprising ball bearings
3 that enable said rotating member to rotate within said cavity.

1 22. A method for packaging toxic trash comprising:
2 providing a trash receptacle including an exterior wall separating an interior and
3 an exterior, an interior receptacle for receiving a bag therein, a cover that sealably
4 engages said exterior wall and an exhaust hood coupled to an exhaust system and
5 disposed within said trash receptacle and over said interior receptacle;

6 opening said cover and introducing trash into a bag disposed within said interior
7 receptacle;

8 closing said cover;

9 with said cover closed, closing said bag disposed within said interior receptacle
10 using an interior bag closure mechanism that is operable from said exterior; and

11 opening said cover thereby exposing said closed bag.

1 23. The method as in claim 22, wherein said closing said bag comprises
2 rotating an upper open section of said bag relative to a bottom closed end of said bag.